

## Receiving Report

Date: 9/7/31

Batch No: M/12331

Supplier: MAGWA

Dart P/O: 10/23

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order CS/0431 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M3-430 SWX2-SW		8	0	0	8	

Initials of receiver (if shipment OK) Level 12         

Production/Admin: 09.07.31  
 Date 10/23  
 Received/Costing           
 Initial tt

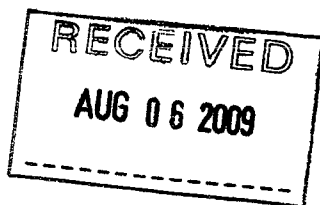
Location



**Magna Stainless**  
5775 Kieran St, Saint-Laurent QC H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

# INVOICE

Pg 1 of 1 I014832



SOLD TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

SHIP TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

MTR:Y

INVOICE DATE:	07/31/09
ORDER DATE:	07/23/09
SHIP DATE:	07/31/09
ORDER NUMBER:	W016220
PURCHASE ORDER:	PO10123

Currency		Sales Person		Ship Via		F.O.B.		Terms	
CANADIAN DOLLARS		ERYCK BLAIS		NIR:R-557065-1		PREPAID		NET 30 DAYS	
Ln	Back Ordered	Ordered	Unit	Description		Shipped		Price Per	Value
				ALUMINUM - LB					
		1	PC	7075-T73 2 1/2" X 3 1/2" X 144"		1	UN	825.00	825.00
				L029896 1 PC/129 LB					
		3	PC	ASH 2024-T3 .080 X 48" X 144"		3	UN	345.00	1,035.00
				L029897 3 PC/169 LB					
				ALUMINUM SHEET					
		3	PC	ASH 2024 T3.040" x 48" x 144"		3	UN	285.00	855.00
				L029898 3 PC/85 LB					
				STAINLESS - LB					
		1	PC	17-4 PH 1/4" X 4" X 12'3"		1	UN	225.00	225.00
				L029899 1 PC/41 LB					
		1	PC	17-4 PH 3/8" X 1" X 13'		1	UN	115.00	115.00
				L029900 1 PC/16 LB					

08/03/09 10:46:48

Merchandise:	3,055.00
Surcharges:	
No Tax Costs:	
GST	152.75
Total Due:	3,207.75

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471  
G.S.T. # 881565899 RT0001

July 31, 2009 11:23:12 AM

All amounts are calculated in domestic currency.

All Vendors PO ID po10123 All Receipt Dates All Line Item Types

All Item ID/GL/WOs    All Rec. Employees    All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID	Vendor Name	VC-MAG002	Magna Stainless								
PO10123	1		M174B0.250X4.000 f		7/27/09	7/31/09	12.3000	\$22.50	0.0000	0	CL \$276.75
CAD	No		17-4 SS Bar .250 X 4.00	f	10.0000	Stores		\$276.75	0.0000	0	
			112331								
	2		M174B0.375X1.000 f		7/27/09	7/31/09	13.0000	\$11.50	0.0000	0	CL \$149.50
	No		17-4 SS Bar .375 x 1.00	f	10.0000	Stores		\$149.50	0.0000	0	
			112331								
	3		M2024T3S.080 sf		7/27/09	7/31/09	144.0000	\$10.78	0.0000	0	CL \$1,552.32
	No		2024-T3 .080 sheet	sf	128.0000	Stores		\$1,552.32	0.0000	0	
			112331								
	4		M2024T3S.040 sf		7/27/09	7/31/09	144.0000	\$8.91	0.0000	0	CL \$1,283.04
	No		2024-T3 .040 sheet	sf	128.0000	Stores		\$1,283.04	0.0000	0	
			112331								
	5		M303R0.500 f		7/27/09	7/27/09	50.0000	\$1.70	0.0000	0	\$85.00
	No		303 Round Bar 0.500"	f	40.0000	Stores		\$85.00	0.0000	0	
			112290								
	6		M304B0.500X2.500 f		7/27/09	7/30/09	12.0000	\$21.50	0.0000	0	\$258.00
	No		304 BAR .500 x 2.50	f	20.0000	Stores		\$258.00	0.0000	0	
			112320								
	7		M304B0.625X3.000 f		7/23/09	7/30/09	13.1000	\$31.00	0.0000	0	\$406.10
	No		304 BAR .625 X 3.00	f	10.0000	Stores		\$406.10	0.0000	0	
			112320								
	8		M304S12GA sf		7/27/09	7/27/09	32.0000	\$8.13	0.0000	0	\$260.00
	No		304/316 0.100" Sheet	sf	32.0000	Stores		\$260.00	0.0000	0	
			112290								
	9		M304S16GA sf		7/27/09	7/27/09	192.0000	\$4.94	0.0000	0	\$948.00
	No		304/316 Sheet .063	sf	192.0000	Stores		\$948.00	0.0000	0	
			112290								



### Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

### PACKING LIST

I014832

Page: 1 of 1

SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7  
Contact: LINDA

HAWKESBURY, ON  
K6A 1K7  
Ship Terms: PREPAID



SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	PO10123	
Sales Order	Terms		Ship Via	Date Ordered	Date Required	Date Shipped
W016220	NET 30 DAYS LA		NIR:R-557065-1	07/23/09	07/30/09	07/31/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM - LB 7075-T73 2 1/2" X 3 1/2" X 144"			1
3		PC	ASH 2024-T3 .080 X 48" X 144"	129 LB / 1 PC L029896	MA00807833	1
			✓ 169 LB / 3 PC	L029897	455978A7	3
3		PC	ALUMINUM SHEET ASH 2024 T3.040" x 48" x 144"	✓ 85 LB / 3 PC L029898	459800A9	3
1		PC	STAINLESS - LB 17-4 PH 1/4" X 4" X 12'3"	41 LB / 1 PC L029899	674304	1
1		PC	17-4 PH 3/8" X 1" X 13' ✓	16 LB / 1 PC L029900	420348	1
Bundles: 1	Skids: 1	Pieces: 1		Total Weight:		440 LB

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10123

Purchase Order Date 7/23/2009

PO Print Date 7/23/2009

Page Number 1 of 3

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Linda Lacelle

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M174B0.250X4.000	17-4 SS Bar .250 X 4.00	7/27/2009 Yes	10.00	Yours ppd	\$22.5000	\$225.00
		Special Inst:	17-4 PH SS BAR PER AMS 5604/5643 GRAIN MUST BE ALONG LENGTH OF BAR YTS = 100KSI UTS = 150KSI				
2	M174B0.375X1.000	17-4 SS Bar .375 x 1.00	7/27/2009 Yes	10.00	Yours ppd	\$11.5000	\$115.00
		Special Inst:	AS ABOVE				
3	M2024T3S.080	2024-T3 .080 sheet	7/27/2009 Yes	128.00	Yours ppd	\$10.7800	\$1,379.84
		Special Inst:	4 SHEETS OF 4' X 8' 2024-T3 ALUM SHEET PER AMS-QQ-A-250/4 OR AMS4037				

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr:

1

Change Date: 7/23/2009



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10123

Purchase Order Date 7/23/2009

PO Print Date 7/23/2009

Page Number 2 of 3

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Linda Lacelle

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

4	M2024T3S.040	2024-T3 .040 sheet	7/27/2009 Yes	128.00 sf	Yours ppd	\$8.9100	\$1,140.48
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Special Inst: 4 SHEETS OF 4' X 8'  
SPECS AS PER ABOVE

*Rec 14 8/27/31*

5	M303R0.500	303 Round Bar 0.500"	7/27/2009 Yes	40.00	Yours ppd	\$1.7000	\$68.00
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Special Inst: AISI 303 ROUND BAR  
(AISI 304/316 NOT ACCEPTABLE)

*Rec 5 8/11/34*

6	M304B0.500X2.500	304 BAR .500 x 2.50	7/27/2009 Yes	✓ 20.00	Yours ppd	\$21.5000	\$430.00
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Special Inst: AISI 304/316 SS BAR  
(AISI 303 NOT ACCEPTABLE)

*Rec 12 8/11/30*

7	M304B0.625X3.000	304 BAR .625 X 3.00	7/23/2009 Yes	✓ 10.00	Yours ppd	\$31.0000	\$310.00
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Special Inst: AS ABOVE

*13.10 8/11/30*

8	M304S12GA	304/316 0.100" Sheet	7/27/2009 Yes	✓ 32.00 sf	Yours ppd	\$8.1250	\$260.00
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Special Inst: AISI 304/316 SS SHEET  
ANNEALED  
2B FINISH

*8/11/07*

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 7/23/2009



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10123

Purchase Order Date 7/23/2009

PO Print Date 7/23/2009

Page Number 3 of 3

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Linda Lacelle

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

9	M304S16GA	304/316 Sheet .063	7/27/2009	✓192.00	Yours ppd	\$4.9375	\$948.00
			Yes	sf			

Special Inst: AS ABOVE

10	M7075T73B2.500X03.25	7075-T73 Bar 2.50 x 3.25	7/27/2009	✓12.00	Yours ppd	\$0.0000	\$0.00
			Yes	f			

Special Inst: 7075-T6 (OR T651/T6510/T6511/T62)  
ALUM BAR  
PER AMS-QQ-A-225/9(OR  
AMS4122/4123/4186/4187) OR PER AMS-  
QQ-A-200/11

PO Total:

\$4,876.32

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 7/23/2009

# Certified Inspection Report

P006142-MA008078331

06/17/08  
12:59:01

Alcoa Global Hard Alloy Extrusions  
Massena Operations  
Park Avenue East, Massena, NY 13662



Customer  
**Yarde Metals**

Customer P.O. No.  
**P801210D002**

Customer Part No.

Alcoa Order No.  
**MMC-85697-025**

Govt. Contract No.

Ship To

We hereby certify that the material covered in this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and have the mechanical properties shown on the face of this sheet. Manufactured under an ISO/9000 registered quality management system. Melted and manufactured in the USA.

Thomas J. Klomp, Quality Assurance Manager

*Thomas J. Klomp*

Date Shipped **06/17/08**

Weight Shipped **3,075 lbs**

Alloy - Temper **7075-T7351**

Size **2.50000 x 3.50000 IN**

Product **CFRB-CF RECT Specific Length**

BOL **000156342**

Shape **REC** Config **12 FT**

QRR

Specifications:

QQA-225/9E  
AMS-QQA-225/9  
AMS 4124D  
ASTM B211-03

Material conforms to T73 requirements

Product produced and marked to the requirements of AMS-QQ-A-225/9 also meets the requirements of QQ-A-225/9.  
Product produced and marked to the requirements of QQ-A-225/9 also meets the requirements of AMS-QQ-A-225/9.

80407/31

Inc 07-30-09

TEST REQUIREMENTS		Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test
		U.T.S.	T.Y.S.	%Elong	Cond								
Max:			67.9										
Min:		68.0	56.0	10.0	38.0								
Test Results		Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test
Lot / Work Order	No. of Tests	U.T.S.	T.Y.S.	%Elong	Cond								
MA008078331	1												
Max:		70.9	60.9	14.0	47.0								
Min:		70.9	60.9	14.0	47.0								

## TEST ABBREVIATIONS

U.T.S. Ultimate Tensile Strength KSI

Cond Conductivity % IACS

T.Y.S. Tensile Yield Strength KSI

%Elong Elongation % in 2"

Aluminum Association Chemical Composition Limits (in Weight %)

ALLOY		%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%Others	%Others	%AL				
7075	MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.7	0.20	0.05	0.15	Rem				
	MIN			1.2		2.1	0.18	5.1		Each	Total					

## Actual Started Chemistry

### LOT/WORK ORDER

		%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%OE	%OT	%AL				
MA008078331	MAX	0.08	0.24	1.7	0.04	2.5	0.20	5.9	0.03			Rem				
	MIN	0.08	0.24	1.6	0.04	2.4	0.20	5.8	0.03	LT 0.05	LT 0.15					

## NOTES:

Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product.  
This alloy meets the requirements of EU 2002/95/EC (RoHS) and EU 2000/53/EC for lead, mercury, cadmium and hexavalent chromium.



SHIP TO:		<b>KAISER ALUMINUM</b> Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586 <b>CERTIFIED TEST REPORT</b> Serial Number 4152023				
SOLD TO:						
CUSTOMER PO NUMBER: P81009DK001	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD ID: 101450/16	GOV'T CONTRACT NUMBER:		
KAISER ORDER NO: 1075951	LINE ITEM: 5	SHIP DATE: 10-JAN-2009	ALLOY: 2024	CLAD: BARE	TEMPER: T3	PRODUCT DESCRIPTION: KAISER STRETCH
WEIGHT SHIPPED: 3266 LB	QUANTITY: 58 PCS EST.	B/L NUMBER: 2021075	GAUGE: 0.0800 IN	WIDTH: 48.000 IN	LENGTH: 144.000 IN	

### Certified Specifications

AMS 4037/RevN  
CMMP 019/RevD

AMS-QQ-A-250/4/RevA  
CMMP 025/RevR

ASTM B 209/Rev07

Test Code: 1504

### Test Results

Lot: 455978A7 Cast 449

Drop 40

Ingot 2

(ASTM E8/B557)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	67.0 : 68.2 (462 : 470)	45.6 : 46.0 (314 : 317)	19.0 : 19.3

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.09	0.25	4.4	0.58	1.3	0.01	0.21	0.02	0.01	0.01	TOT 0.03

### ALLOY LIMITS

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024 MIN	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

### TEST NOTES

2024-T351 plate 3.001-4.000" thick, if ultrasonically inspected, meets requirements of CMMP025 per SDR CMMP025-KaiserT-2.

P006142-455978A7

# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4152023

### CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE UNITED STATES OF AMERICA OR A QUALIFYING COUNTRY PER DFARS 225.872-1(a), WAS MANUFACTURED IN THE UNITED STATES OF AMERICA, AND MEETS THE REQUIREMENTS OF DFARS 252.225 FOR DOMESTIC CONTENT. THIS MATERIAL HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTIRE ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED.

BILL POYNOR, LABORATORIES SUPERVISOR



Page 2 of 2

S90727DG005-5 MAGNA STAINLESS PO: P006142 Part #: 3.00PC 169.00LB

Inc 07-30-09

SHIP TO:
SOLD TO:

**KAISER  
ALUMINUM**

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4156330

CUSTOMER PO NUMBER: P90126DK005	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD ID: 101485/12	GOV'T CONTRACT NUMBER:
KAISER ORDER NO: 1080194	LINE ITEM: 5	SHIP DATE: 2-MAR-2009	ALLOY: 2024	CLAD: BARE
TEMPER: T3	PRODUCT DESCRIPTION: MILL FINISH SHEET			
WEIGHT SHIPPED: 2770 LB	QUANTITY: 98 PCS EST.	B/L NUMBER: 2021716	GAUGE: 0.0400 IN	WIDTH: 48.000 IN
			LENGTH: 144.000 IN	

### Certified Specifications

AMS 4037/RevN  
CMMP 019/RevD

AMS-QQ-A-250/4/RevA  
CMMP 025/RevR

ASTM B 209/Rev07

Test Code: 1504

### Test Results

Lot: 459800A9 Cast 453 Drop 22 Ingot 3

(ASTM E8/B557)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	66.8 : 67.6 (461 : 466)	44.7 : 45.3 (308 : 312)	18.2 : 18.8

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.08	0.23	4.6	0.63	1.3	0.01	0.18	0.01	0.01	0.01	TOT 0.03

### ALLOY LIMITS

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024 MIN	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

### TEST NOTES

2024-T351 plate 3.001-4.000" thick, if ultrasonically inspected, meets requirements of CMMP025 per SDR CMMP025-KalsorT-2.

P606142 - 459800A9

# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4156330

### CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE UNITED STATES OF AMERICA OR A QUALIFYING COUNTRY PER DFARS 225.872-1(a), WAS MANUFACTURED IN THE UNITED STATES OF AMERICA, AND MEETS THE REQUIREMENTS OF DFARS 252.226 FOR DOMESTIC CONTENT. THIS MATERIAL HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED.

BILL POYNOR, LABORATORIES SUPERVISOR



Page 2 of 2

S9072ZDG005-4 MAGNA STAINLESS PO: P006142 Part #: 3.00PC 85.00LB

Inc 07-30-09

<b>BÖLLINGHAUS</b> STEEL		Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1		No.: / Nr.: / Nr.: 0000064623	
Böllinghaus Portugal Aços Especiais, SA DIN EN ISO 9001:2000 TÜV CERT No. 01 100 030458		Unsere innere Verweisung / Our Int. Ref / N° ref int 5600010587 000010		Datum / Date / Data 02 06 2009	
Normen / Standards / Normas AISI 630/17-4PH, tol. acc. to ASTM A484/A484M-08, specifications acc. to: ASTM A370-09, A564/A564M-04, E370, AMS 5643R, ASME SA 370, SA 564, ASTM F899-09, MTR acc. to EN 10204/3.1					
Kunde / Customer / Cliente Bestell Nr / Order Nr / Enc Nr. P90319AM005			Endgültiger Kunde / Final Customer / Bestell Nr / Order Nr / Enc Nr. 90319AM005		
Prüfgegenstand / Product / Produto AISI T630 FLAT 4 x 1/4"			Gewicht / Weight / Peso 600 lb		
Werkstoff-Nr. Material-no. Qualidade 1.4542			Werkstoff-Normbezeichnung / Material standard grade / Norma do material 630		
Beschreibung / Description / Descrição Stainless steel flat bars, hot rolled, solution annealed, straightened, pickled US DFAR 252.225-7014: MELT SOURCE: France / MFG: Portugal.					
Schmelzen Nr. Cast nr. / Fused nr. 674304 C: 0.024 S1: 0.290 Mn: 0.760 P: 0.030 S: 0.018 Cr: 15.350 Ni: 4.530 EAF Mo: 0.210 Co: 0.061 Cu: 3.190 N: 0.029 Ti: 0.022 Nb: 0.210 Ta: 0.000					
Proben Nr. Test no. Amostra no. 3017922.01.01		ASTM E399 Kerbschlagarbeit Impact Test Resistência (Charpy V) [J] 182.5		ASTM A370 Zugfestigkeit Tensile strength Tensão de rotura Rm [Ksi] 210.6	
Visuelle Kontrolle Visual inspection Inspeção visual <input checked="" type="checkbox"/> OK		ASTM E370 Härte Hardness Dureza [HB] 330		Korrosionsbeständigkeit IC Test Corrosão Intermetálica Weichschweißzustandiger Quality Control Representative Inspector de Qualidade José Santos	
Maßkontrolle Dimensional inspection Inspeção dimensional <input checked="" type="checkbox"/> OK		Mikroskopische Untersuchung Microstructure Analysis approved per AMS 2315		Wärmebehandlung Heat treatment Tratamento térmico Solution Annealed 1900 °F (8 hrs)	
Verwechslungsprüfung Test of identity Teste de identificação <input checked="" type="checkbox"/> OK		Makroskopische Untersuchung Macrostructure Analysis Material free from segregation defects <input checked="" type="checkbox"/> OK		Alterungsbehandlung Aging treatment Ensaio de envelhecimento 428 HB 11900 ( 900°F, 1Hour )-Cool in air	
Bemerkungen / Remarks / Observações Material is free of mercury contamination, no weld repair done. Material is free of radiation contamination.					
Böllinghaus Portugal - Aços Especiais, SA Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according the mentioned according the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.					

FR 03.02.05/1

S90727DG005-1 MAGNA STAINLESS PO: P006142 Part 0:  
1.00PC 41.00LB

Inc 07-30-09

P006142-674304

<b>BÖLLINGHAUS</b> <b>STEEL</b>		Abnahmeprüfzeugnis / Mill. Test Certificate / Cert. de Qualidade <b>EN 10204:2004 / 3.1</b>		No. / Nr. / N.º: <b>0000061154</b>																																											
Böllinghaus Portugal Aços Especiais, SA DIN EN ISO 9001:2000 TÜV CERT No. 01 100 030450		Unsere innere Verweisung / Our Int. Ref / Nr ref int <b>5600009623 000020</b>		Datum / Date / Data <b>29.09.2008</b>																																											
Normen / Standards / Normas AISI 630/17-4PH, tol. acc. to ASTM A484/A484M-06-b, specifications acc. to AMS 5643R, ASTM 564/A564M-04, ASME SA564-04, ASTM F898-02																																															
Kunde / Customer / Cliente  Bestell Nr./Order Nr. / Enc Nr. <b>P80422AM004</b>			Endgültiger Kunde / Final Customer / Cliente Final  Bestell Nr./Order Nr. / Enc Nr. <b>P80422AM.02</b>																																												
Prüfgegenstand / Product / Produto <b>AISI 630 FLAT 1 x 3/8"</b>		Gewicht / Weight / Peso <b>3,907 lb</b>		Bunde / Bundo / Atados <b>02</b>																																											
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P806142-420348